Cassie Schroer

Professor Rand

MATH 120

Stats Project 2- Surveys, Studies, and Experiments

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<http://www.cbsnews.com/news/how-compulsive-texting-affects-teens-school-performance/>

The article that I chose was about teen’s texting and how it is affecting them academically. This article talked about how it was mainly seen in girls and not as many boys. It discusses that texting is a compulsive habit and not so much a thing about frequency. This article is based on an experiment. The article stated that there were 403 students in grades eight and eleventh in the Midwest.

The subjects studied were teenagers in high school. In the experiment the students were asked questions such as: "How often do you find that you text longer than you intended?" "How often do you check your texts before doing something else that you need to do?" "How often do you try to cut down the amount of time you spend texting and fail?" and "How often do you find yourself frustrated because you want to text but you have to wait?" The article did not state how many treatments there were. There were a few questions for the teens to respond to. The article also did not discuss the design of the survey. The only thing we know is that the teens were from the Midwest. There are a lot of aspects missing within the survey so that does not make it a very good outcome of results.

The survey did not examine enough students. The population that was chosen was way too small and needs to be randomized so that you get a better result. Another thing to consider would be to have the teens be from different areas so that you get a range of outcomes and not all from the same area. Another area of concern is the age in the article it stated eighth grade and eleventh grade. Does that mean the grades in between there or no? It is not clearly stated in the article. In the article they did not talk about how they chose the students, were they randomly chosen or did they volunteer? If they volunteered then the results would be different because that would mean they wanted to answer questions about the topic.